The prognosis of my case was anfavoarable, the woand being oblique and implicating only one temple. Heister remarked that most of those woanded ia oae temple, at a certain battle, died iamediately or shortly after. On the contrary, Thompson saw, after the hattle of Wnterloo, ten cases where the ball passed from temple to templo transversely, yet all recovered. Did the vulnerant hody pass through the cerebral lobes, as some maintain, to account for the symptoms?

Then n direct wound of the eye is most always fatal, passing back, as it does, implicating the brain; na oblique one less so; and n transverse

one least of all.

DOMESTIC SUMMARY.

Bromine in Hospital Gangrene.—Dr. M. Goldsmith, Surgeon U. S. V., gives (American Med. Times, Sept. 12, 1863) the following consolidated statement of the cases of hospital gangreae, of which he has gathered the records from various U. S. military hospitals. Four of these cases terminated fatally. "One of these cases," he states, "is reported as having been brought into the hospital morihund. Two were cases in which the disease attacked the track of ball wonads passing through the thigh, and in which the bromine was applied to the external parts, the apertures of entrance and exit only, and therefore did not . touch the major part of the gangreaoas surfaces. One, in which, with a wound like those just mentioned, the cellular tissue of the limb from the trochanter major to the malleoli was destroyed by cellulitis. It will also be noticed, that in four eases the bromine is reported to have failed in arresting the gangrene. In each of these the hromine had been applied, I have reason to believe, much more frequently than is compatible with the establishment of granulation—for bromine is a caastic agent. In one case granulation occurred two days after the ahaudonment of the hromine, and the use of a weak solution of creasote; in two cases after the use of a solution of the persulphate of iron, and in one case after the use of a cow-dung poultice.

Consolidated Statement of Cases of Hospital Gangrene treated in Louisville, Nashville, Murfreesborough, and New Albany.

	Whole number.	Recovered.	Dled.	Amputations.	Average duration of treatment.	Perrentage of deaths.
Treated with bromine in any way. Treated with bromine in any way. Treated with bromine preserved and the property of the prope	152 27 56 8 23 8 13 13	148 25 81 8 22 8 5 7	4 2 2 0 0 0 0 8 5	0 0 0 0 1 0 0 1	\$ 14 2 2214 6 11/5 12 15 3 16/5 3 4 3 11 2-5 7 13 5-7	2 63-100 69 54-100 38 47-100 \$50

[&]quot;I heg here to call the attention of such of your readers as may he interested in the matter to the fact, that almost all the surgeons who have adopted the bromine treatment of hospital gangrene rely now upon the use of the pure undiluted agent, the various solutions having heen found less prompt in their effects, and, for the ends in view, less reliable."

Dr. Post, in a discussion before the New York Academy of Mediciae (May

20th, 1863), made the following remarks on the use of hromine in hospital gangrene, as reported in American Med. Times, Sept. 12. "The local treatment seemed to have played the most important part in arresting the progress of the disease. The remedy used more than any other was one introduced by Dr. Middleton Goldsmith, Assistant Med. Director. I refer to hromine, or some of its preparations. It is principally with reference to the action of hromine as a local application that I have risen to speak. The preparations of bromine that have heen used hnre been either the pure bromine, a dark red liquid with a puogent odor, or more frequently a preparation analogous to Lugol's solation of iodine— 160 grains of the bromide of potassium are dissolved in 4 oz. of water, this solntion is placed in a hottle, and an ounce of bromine is added, making a solution of the bromuretted bromide of potassium. In some cases there is a simple residnnm, owing doubtless to some existing impurity in one or other of the ingredients. It is a reddish-coloured fluid, from which the fames of bromine are given off. The mode of making the application has varied somewhat with different surgeons of the hospitals I have visited, but those who used it with the most care and success used it in the manner which I will indiente. In the first place, after the sloughing process has been fully established, when the tissnes involved have become positively putrid, and there is a disposition to form a separation between sound and healthy parts, all the dead portions are carefully detached by means of a scissors, after which the dennded part is thoroughly washed with a syringe and lukewarm water; after this the comp. sol. of hromine is brought in contact with every portion of the sore either hy means of a camel's hnir brush or a small syringe. If there be sinuses, the fluid is injected into them, and the same thing is done with the undermined integument. Iu case of a gunshot would through the limb, when the syringe cannot easily be used, a small strip of old linen is attached to the eye of a probe after having been dipped in the solution, and drawn through the wound. This binen is then left in until the next day's dressing.

"The first effect of the hromine was very remarkable in removing all offensed odon—the fetor would he removed in a very remarkable manner, so much so that you had to apply your nose close to the surface of the sore to detect may odon whatever. The next effect was to coagulate the allammen and leave the part as if varnished—there was no appearance of putrefaction whutever. The patients complained of severe pain at the time of the application, hut I have reason to lelieve that such complaints were much exaggreated. The dressing applied after the application of the bromine varied in different cases. In most cases the surgeons were in the habit of applying yeast poultices, and they also used, as a substitute for this, a fermenting substance made by adding carbonate of soda and tartaric acid to a poultice. I suggested to them the ground that the gas would in that event be more slowly evolved. In other cases the liq, sod, chlorinata was used; in fact, numerous applications of the sort were made according to the peculiar notion of the surgeon-in-charge.

"I found that there were some of the surgeons in Nashville who were sceptical with regard to the advantages of hromine as a local application, they maintaining that they had better success from the use of nitrie acid; hat I observed that some of these gentlemen had applied it in rather a careless way, while they had nsed the nitrie acid more thoroughly and with more care. There was one gentleman, particularly, who seemed very seeptical. I informed him, that he had not applied it as carefully and as thoroughly as the other surgeons, and therefore he erred in a good effect. I also suggested, that if he would use it in mother way he would have like success. Since I have returned to the city I have received a letter from that gentleman, and he tells me that he has taken my advice with reference to its mode of application, and has heen ahundantly successful.

"With regard to the constitutional treatment, I believe there can be very little discrepancy of opinion concerning the use of tonics, stimulants, and good food in this disease.

"I will observe, that those gentlemen who have used bromine so largely look upon it as an antidote to the poison, whatever it is, of hospital gangrene, and

consequently they do not advocate the free circulation of fresh air as they otherwise would.

"I observed that bromine was used for disinfecting the atmosphere of the ward, by pouring it into sancers, or by carrying an open-monthed hottle containing the liquor through the wurd. This was done five minutes of n time three times a day, and the fact that the gangrene did not spread where bromine was used, seems strong proof of the existence of the property claimed for it.

The frequency of its application varied with different surgeons from once to twice or three times in twenty-four hours. When the surface of the granulations hecame visible, the solution was weakened. In the cases that I had the opportunity of seeing, the disease was arrested throughout the great body of the sore within two or three days. In the ease of the scton in the back, the disease was not arrested ten days after the application, but I have afterwards understood from Dr. Goldsmith that the disease was finally entirely cheeked.

"I have come to the conclusion, from what I have seen, that the application in the treatment of hospital gangrene is very highly conducive to the welfare of

the patient, and I think that it will prevent the sprend of the disease.

"There is one important fact connected with hromine which I think well worth relating. I saw, at Louisville, o case of hospital gangrene of the leg, where, in the course of the discuse, the posterior tihiul ortery became involved, and hemorrhage occurred. The interesting feature in this case was, that the surgeon-in-charge tied the artery at the hottom of the sloughing surface, and applied the bromine immediately over it. I saw that case a little less than a week after the application occurred, and the case was doing remarkably well. The ligature had separated the day before I saw it, and ut that time the sore was in a stute of healthy granulation. I am unable to say whether any further hemorrhage occurred. Dr. Goldsmith informed me, that the case was the fourth one where such a result was obtained from the application of hromiae. This is o very remarkable fact, because the general result of tying arteries in the midst of sloughing parts is that hemorrhage takes place very soon ogain. If hromine has the power of orresting this sloughing process, it is o fact well worthy of our

investigation.

"Dr. Post, in conclusion, alluded to the good effects claimed by the surgeons." In the 'Park Rusrocke' in for bromine in eases of diphtheria and erysipelas. In the 'Park Barracks,' in Louisville, erysipelas broke out with great severity, and the moment that the hromine treatment was introduced the disease ceased to spread. The remedy was used both in fumigation and as a local upplication. The surgeous were in the habit of moistening lint with the compound solution of bromine, and applying it directly to the part, and covering the whole with oiled-silk. Dr. Post saw o number of case treated in that way, where improvement had taken place in o very short time. He was informed by those gentlemen who had charge of the erysipelatous hospitol, that in almost oll coses, in from twelve to tweaty-four hours after the commencement of the treatment, the ervsipelas hegan to subside. It scarcely, in ony case, continued to spread heyond two or three days; generally its spread was cheeked within from twelve to twenty-four hours."

Dr. William B. Alley reports (Buffalo Med. Jl., Sept. 1863) n severe case of hospital gangrene successfully treated by bromine.

Dr. R. S. Stanforn, Surgeon U. S. V., olso reports (American Med. Times, July 18, 1863) a case of hospital gangrene successfully treated in Hospital No. 12. Louisville, Ky., by the same article, and expresses great confidence in its efficacy.

"From my own observation," he says, "in the treatment of hospital gangrene, erysipelus, and diphtheria, I om entirely satisfied that all of them ure local diseases, ond may be cured by the use of bromine properly opplied. The foregoing case establishes, as far as any single case can do, the efficacy of pure bromine over the compound solution, the latter having been applied daily for the term of twenty-seven days without arresting the gangrenous process, while the pure bromine arrested it upon the first application. The wound was prepared for the reception of the remedy in the same way, and with no more pains

than had been taken upon each application of the solution. The constitutional symptams subsided within twenty-four hours after the pure bromine had been upplied; the gangrenous adour disappeared entirely within the first six hours the returned, and has continued gaod ever since. The skin gradually gave up the returned, and has continued gaod ever since. The skin gradually gave up its dirty yellawish hae; the arine alsa gradually returned to the normal coloar; the pulse drapped down to eighty, and has maintained that number of heats per minute from the second day after the application of the pure remedy up to the present time.

"The patient is now able to walk about the ward, and would do so if he had two legs. The wound has been filled with granulations, and is being skinned aver, there only remaining a small portion apon which the skin has not been

renewed, and this immediately around the bane.

"If this was the only case I bad treated with this remarkable agent, I could not speak in as strong terms as I am now about ta do; but I have treated a number of eases that were equally as grave as this one, and with complete success in every instance; and numerous cases in other hospitals have been met, where a like success erowned its proper application. I can say to the profession with unhounded canfidence, that we have in hramine an agent that will, when properly applied to gangrenous ulcerations, cure them in every instance with more certainty than quiniac cares intermittent fever."

Veratrum Viride as a Means of Diagnosis in Diseases of the Chest.-Professor Samuel R. Perey, M.D., extols (American Med. Times, July 11, 1863) the value of the veratrum viride as n means af diagnosis in diseases of the chest.

He states that since 1856 he has "been in the habit of preparing every patient, whose heart or lungs I have wisbed to examine, with small and praper doses of veratrum viride, and by this means I have been enabled to arrive at a clear and certain diagnasis of cases af incipient phthisis, plenritis, pneumonia. diseases af the heart, etc., that I could not clearly diagnose without the previous preparation of the patient with this remedy, awing to functional disturbances ar ather exciting causes. There are many persons who are examined for these diseases where it is almost impossible to arrive at any correct diagnosis in the early stages af disease, at which time only treatment can be expected to be af much avail, awing to even slight functional disturbances, which completely mask ar render obseare the signs that without the disturbing caases would be readily recagnized. Now veratrum viride quiets these functional disturbances, lessens the rapidity of the circulation, tranquillizes the respiration, and thus so moderates these functions that the mind can readily define and arrange the sounds that are communicated to the ear. I give you this new means of diagnosis as the results of my awn investigations. I am not aware that it has ever heen practised, exeept by those ta whom I have communicated it. I need not impress upon you its vast importance, for hy means of this practice you may always know what yan are treating, and yau will find that that is no slight gain in your ability to inform year patient of what he may expect from year treatment. This new means of diagnosis will be of inestimable value to the Life Insarance Companies in all cases of doubtful diseases of the ebest."

Extirpation of Parotid Gland .- Prof. D. Brainard reports (Chicago Med. Journ., Aag. 1863) the following example af this:-

"Timothy Brodley, of Fond da Lac, Wisconsin, aged 45, healthy, af good canstitution, perceived when he was 21 years af age, a tumoar below the body of the lower jaw. This grew to the size of his first without pain, and was removed in 1850 in Ireland.

"Ahoat 1858 he perceived it retarning in a small tomour behind the romas af the jaw on the right side. It grew without pain until Jan. 1863, when it presented the appearance shown in the photographic figure. It then extended ap to the zygomatic arch, and dawn to the middle of the neck, furward upon the side af the face, and hackwards under the sterne-masteid muscle; was detached, very mavable, but the skin was adherent to the surface.

"Wednesday, Jna. 14th, 1863, I removed it in presence of the Medical Class

of Rush Medical College, assisted by Prof. J. W. Freer.

"I'we incisions were made to embrace the adherent portion of the skin, which was then dissected up before nad behind. I then commenced separating it from below upwards with the finger. This was readily done till the back and upper part was reached where it involved the external carotid and jugular vein, which were tied below and thea divided. The dissection was then completed mostly with a blant instrument. The upper end of the external carotid artery required ligature, and one branch below. The tumour in its growth had drawn the parotid glaad out of its place so that it was not difficult to pass an instrument behind its upper part.

"When the tumonr was removed, there was a space extending from the articulation of the lower jaw below the corner of the os-hyoides. The styloid process, style-hyoid ligament, the internal jugular vein and internal cerebral artery were exposed, and the space hebind and within the ramus of the jaw

was eleared.

"Prof. Freer, for many years Prof. of Anatomy ia the College, examined carefully and could find no truce of the parotid gland. The right side of the

face was paralyzed.

"On examination of the tumonr, pieces of the gland in a healthy state were found around the upper edge; below this a considerable part seemed composed of the same tissue altered in structure which was softened and redder than nataral. At the lower part there was a softer granulated mass, which Dr. Freer examined with the microscope. He found no common cells, but rounded graaules with traces of ducts.

"Without assuming to decide positively as to the tissue in which this disease originated, it is certain that it involved the whole of the parotid gland except

slight particles above.

"To the naked eye the structure of it appeared to be the fibro-plastic material. No doubt can, I think, exist as to the removal of the entire glund. which I have removed in two other instances, and the reports of which cases have been heretofore published in this journal.

"The time required to complete the operation was perhaps thirty minutes. The hemorrhage was considerable, but by tying the external carotid before dividing it, this was partly controlled. No accident happened to the patient,

and in twenty days he returned home with the wonad nearly healed."

Remarkable Instance of the Glancing of a Minie Ball .- Dr. Geo. F. French, Act. Ass. Surg. U. S. A., relates (American Med. Times, April 4, 1863) the following example of this: "Geo. Fowler, Co. F, 50th N. Y., was admitted iato bospital, December 19th, with a guashot would received at Fredericksbarg, December 13th, the hall entering jast behind the left great trochanter, but not emerging. A probe following the track of the ball made an obtuse angle of hour t15° with the shaft of femur. A small fragment of hone was found splin-

tered from the grent trochaater and extracted.

"Jan. 3. I discovered tenderaess and n point of hardness at upper horder of left nates, which was suspected to be the ball, but fram its great depth under the muscles, it was impossible to determine. I conferred with two surgeons, who dissented, on the ground that the ball, if there, must have glaneed at an acute angle. Still, not being able to account for the teader and indurated spot, and the operation being nunttended with danger, I cut down two inches through the muscles, and came upon the hall, the curvature of which corroborated the supposition as to its direction."

Lupus successfully treated by Stramonium .- Dr. John Hastings reports (The Pacific Med. and Surg. Journ., May. 1863) three cases of lupus successfully treated by stramonium. In two of the cases the bruised leaves, made into a poultice, were applied to the alcerated surface, and afterwards stramonium used; in the third case the latter ointmeat was alone employed.